

8-15-10

Divisible - can be divided w/out a remainder

DIVISIBILITY RULES

A # is divisible by:

2 if the # is even

3 if you add the digits & 3 can go into the sum.

Ex: $72 \rightarrow 7+2=9$ 3 goes into 9

so 3 goes into 72

4 if 4 can go into the last 2 digits

Ex: 5648

1,012,000

5 if the # ends w/ 0 or 5

6 if both 2 & 3 can go into it

Ex: 4254

9 if you add the digits & 9 can go into the sum

Ex: 5 6 7

10 if the # ends w/ 0

Divisible by:

Ex: 1062

2, 3, 6, 9

171

3, 9

540

10, 9, 5, 3, 6, 2, 4

1110

10, 5, 3, 2, 6

Prime # - has only 1 & itself as factors

Composite # - has more factors than just
1 & itself

** 1 and 0 are neither